

ABSTRACT

It is an object of the present invention to provide a method of fabricating a liquid crystal display, which can prevent degradation in liquid crystal display performance such as contrast due to the cohesion of spacers and fabricate a liquid crystal display of high image quality, having high resolution.

The present invention relates to a method of fabricating a liquid crystal display, which has a step of ejecting spacer dispersion liquid obtainable by dispersing a spacer in a dispersion medium in a specific region of the surface of a substrate from a nozzle of an ink-jet system and locating the spacer in a specific region on the substrate, at least 80 % by weight of the dispersion medium having a boiling point of 200°C or lower and a contact angle of 5° or smaller on the substrate and in the step of locating the spacer in a specific region on the substrate, the spacer dispersion liquid being ejected in a specific region of the surface of the substrate at the interval of distribution S (μm), satisfying a relationship of the following formula (1):

$$S \geq 20 \times (V/D)^{1/2} \quad (1),$$

in the formula, V represents droplet volume (pL) of the spacer dispersion liquid ejected once from a nozzle and D represents a particle diameter (μm) of the spacer contained in the spacer dispersion liquid.